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मानक

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Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 11392-3-1 (1985): Dimensions of mounting accessories of pot cores for printed circuit board mountings, Part 3: For pot core of size 30 \* 19 (mm), Section 1: Type 1 [LITD 5: Semiconductor and Other Electronic Components and Devices]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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Indian Standard

# DIMENSIONS OF MOUNTING ACCESSORIES OF POT CORES FOR PRINTED CIRCUIT BOARD MOUNTINGS

## PART 3 FOR POT CORES OF SIZE 30 × 19 (mm)

### Section 1 Type 1

#### 0. General

**0.1** As the pot cores are extensively used in equipment with printed circuits, an urgent need has been felt to standardize the mounting accessories of pot cores for printed circuit board mountings. Keeping this in view, it is proposed that dimensions of mounting accessories of pot cores of various sizes as given in IS : 6235-1971 'Dimensions of pot cores made of ferromagnetic oxides and associated parts', for printed circuit board mountings, would be covered in a series of standards.

**0.2** This standard covers the dimensions of mounting accessories of Type 1 for pot cores of size 30 × 19 (mm) printed circuit board mountings. The dimensions of mounting accessories of pot cores of other sizes are covered in other parts of the series.

#### 1. Scope

**1.1** This standard covers the following mounting accessories of Type 1 to be used with pot cores of sizes 30 × 19 (mm) for printed circuit board mountings.

- a) Tag plate
- b) Container
- c) Spring
- d) Nut
- e) Fixing bush
- f) Soldering spring

#### 2. Dimensions

**2.1 Tag Plate** — The dimensions of tag plate shall be according to Fig. 1.

**2.2 Container** — The dimensions of container shall be according to Fig. 2.

**2.3 Spring** — The dimensions of spring shall be according to Fig. 3.

**2.4 Nut** — The dimensions of nut shall be according to Fig. 4.

**2.5 Fixing Bush** — The dimensions of fixing bush shall be according to Fig. 5.

**2.6 Soldering Spring** — The dimensions of soldering spring shall be according to Fig. 6.

**2.7 Mounting** — The mounting is given in Fig. 7.

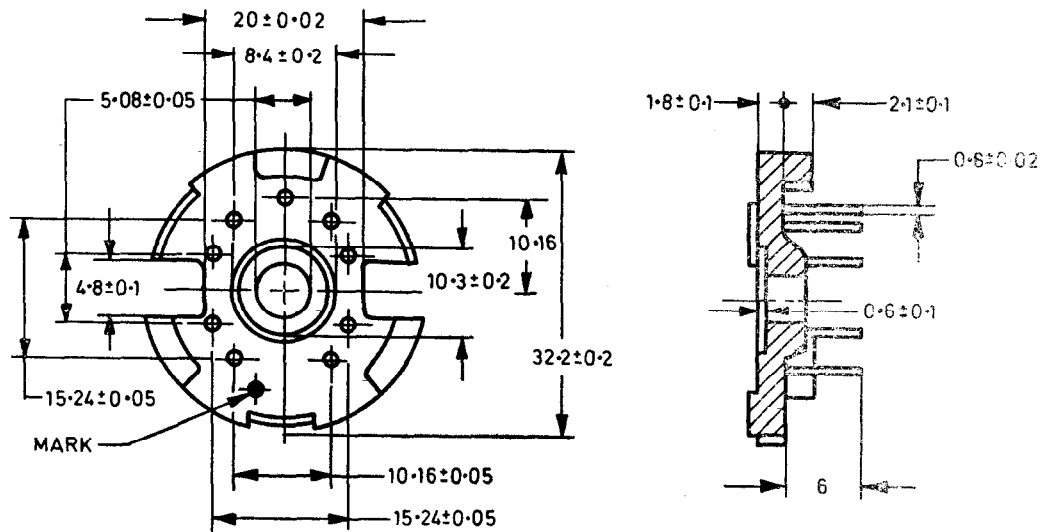
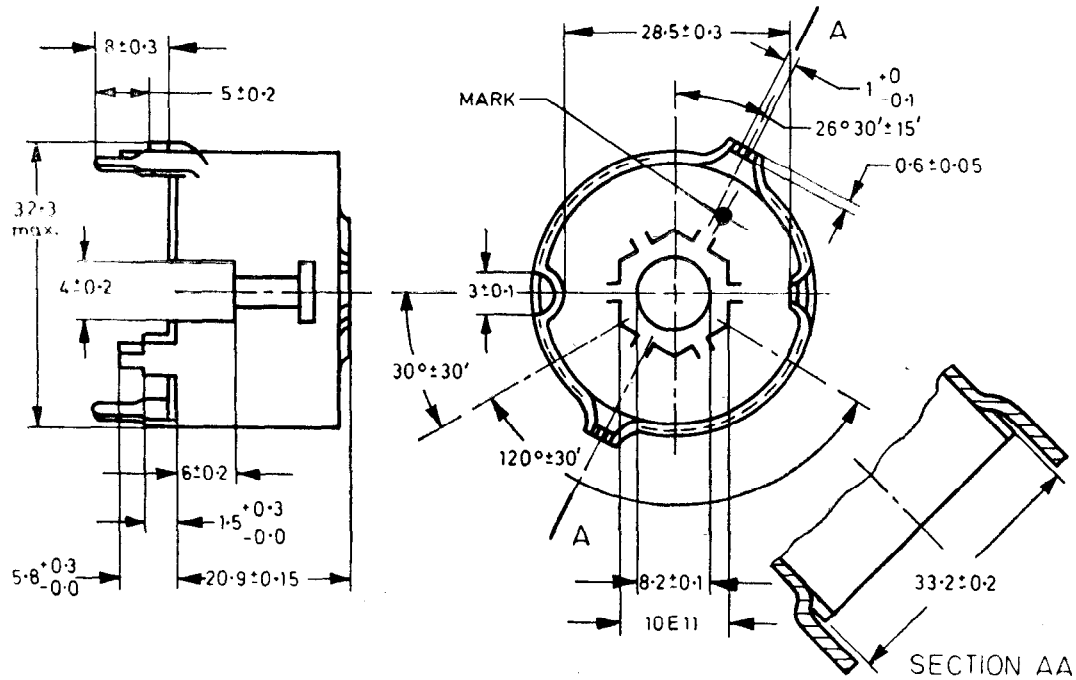


Plate — Polyester Reinforced with Glass Fibre, resistant against Dip Soldering at 400°C for 2 seconds.

Pin — Phosphor-Bronze Dip-Soldered

All dimensions in millimetres.

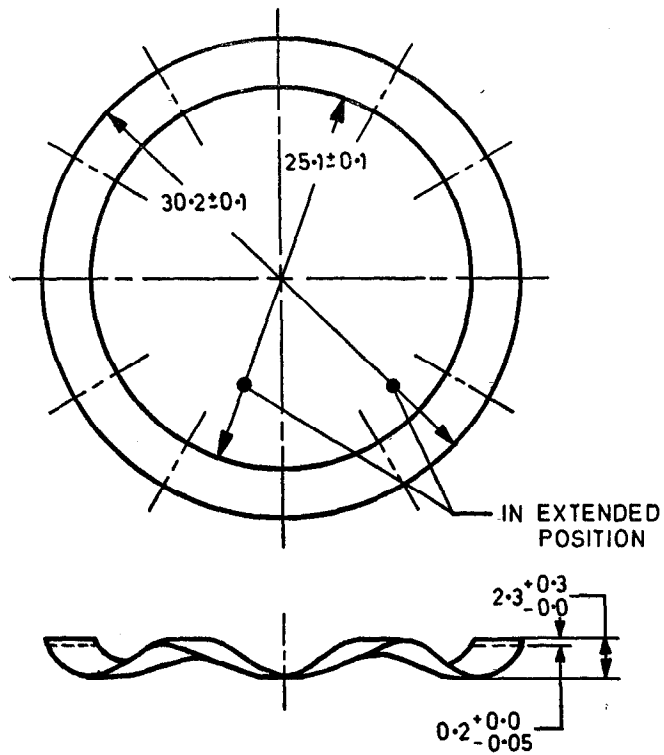
FIG. 1 TAG PLATE



Brass Nickel Plated

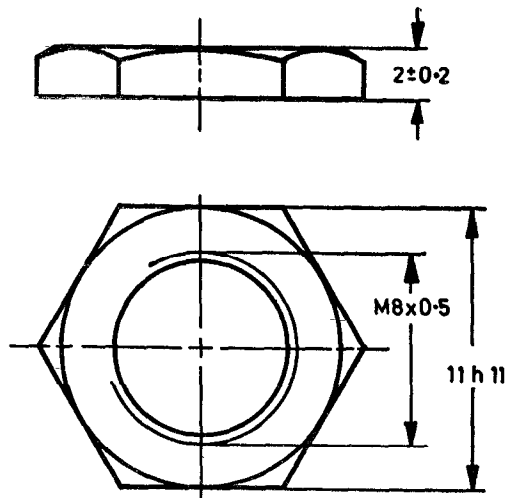
All dimensions in millimetres.

FIG. 2 CONTAINER



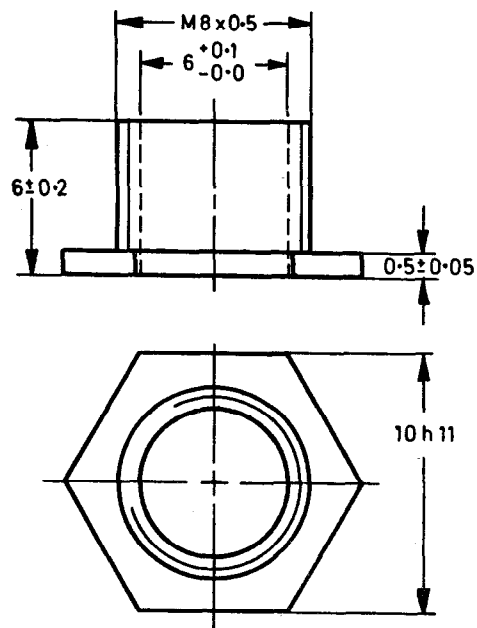
Material : Steel  
All dimensions in millimetres.

FIG. 3 SPRING

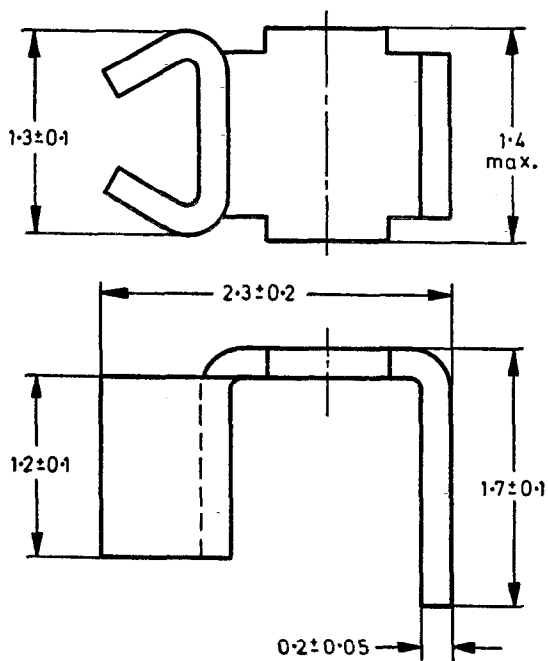


Brass Nickel Plated  
All dimensions in millimetres.

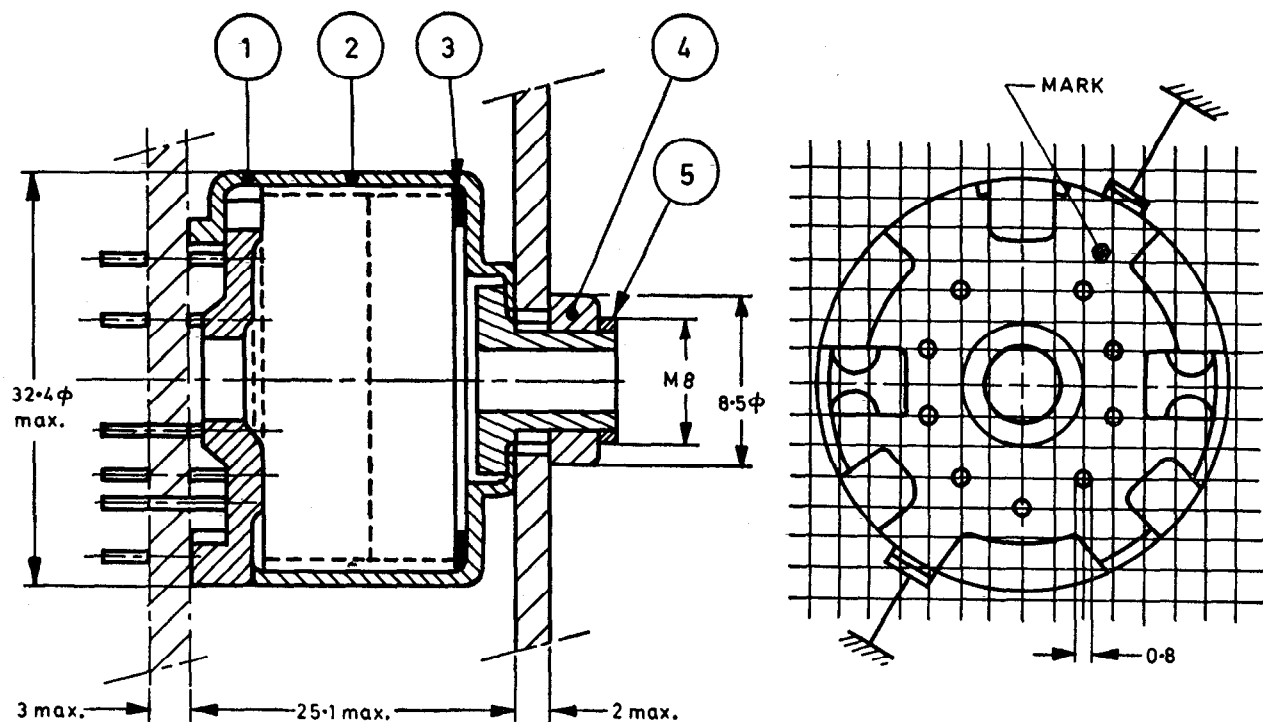
FIG. 4 NUT



Brass Nickel Plated  
All dimensions in millimetres.  
FIG. 5 FIXING BUSH



Brass Dip Soldered  
All dimensions in millimetres.  
FIG. 6 SOLDERING SPRING



All dimensions in millimetres.

FIG. 7 MOUNTING